

# Arijit Mitra

## List of Publications by Year in descending order

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10  
papers

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1478505

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#	ARTICLE	IF	CITATIONS
1	Electrophoretically Deposited ZnFe <sub>2</sub> O <sub>4</sub> -Carbon Black Porous Film as a Superior Negative Electrode for Lithium-Ion Battery. ACS Sustainable Chemistry and Engineering, 2018, 6, 17000-17010.	6.7	33
2	Effect of Current Density on the Nucleation and Growth of Crystal Facets during Pulse Electrodeposition of Sn-Cu Lead-Free Solder. Crystal Growth and Design, 2014, 14, 6542-6549.	3.0	18
3	Electrophoretic deposition of metal-organic framework derived porous copper oxide anode for lithium and sodium ion rechargeable cells. Journal of Alloys and Compounds, 2021, 879, 160462.	5.5	13
4	Electrophoretic deposition of ZnFe <sub>2</sub> O <sub>4</sub> Carbonaceous composites as promising anode for lithium-ion batteries. Materials Letters, 2021, 301, 130265.	2.6	12
5	Effect of Anodic Passivation at High Applied Potential Difference on the Crystal Shape and Morphology of Copper Electrodeposits: Thermodynamics and Kinetics of Electrocrystallization. Crystal Growth and Design, 2017, 17, 1539-1549.	3.0	9
6	Electrophoretically deposited NiSb <sub>2</sub> O <sub>6</sub> -carbon black composite film as a potential anode for sodium-ion battery. Surface and Coatings Technology, 2021, 408, 126787.	4.8	7
7	Controlled scalable synthesis of yolk-shell antimony with porous carbon anode for superior Na-ion storage. Nano Select, 2021, 2, 373-388.	3.7	6
8	Capillary driven flow in wettability altered microchannel. AIChE Journal, 2017, 63, 4616-4627.	3.6	4
9	Electrophoretic deposition of nickel ferrite anode for lithium-ion half cell with superior rate performance. Surface and Coatings Technology, 2021, 421, 127365.	4.8	4
10	High-Power and Long-Life Na <sub>3</sub> V <sub>2</sub> O <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> F <sup>-</sup> Na <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> Bimaterial Electrodes for Hybrid Battery-Capacitor Energy Storage Devices. ACS Applied Energy Materials, 2022, 5, 4070-4084.	5.1	4